



MINOS+ Status Report



Donatella Torretta
All Experimenters' Meetings
February 17, 2014



Near Detector



DAQ

- No problems to report
- SWS group is working to install and connect to network the DCS hot spare computer (minos-dcs01-nd)
- DAQ experts are testing processes on three newer servers (longer warranty) to replace some production nodes

Electronics

- Changed a few Minders during Thursday's beam downtime :
 - 0-19-4-15 One null Pedestal channel
 - 2-15-2, 4-9-2 CAPID/ Parity errors
 - 5-9-3, 5-17-1 Wrong Datatype errors
- Some problems reoccurred, a few more boards are developing issues
- Will work on these issues during this weeks' beam downtime



Far Detector



DAQ

- No problems to report

Electronics

- Rates jumps in Crate 7:
 - Re-seated VARC 2 in Crate 7
 - Changed VARC 3 in crate 7
 - More investigations needed
- Swapped UPS unit in Crate 6 with a refurbished one (new capacitors)
 - in the process of replacing all 16 UPSs
 - during beam downtime
- Network Outages
 - Sporadic brief (a few minutes) network outage between Soudan and Fermilab on several occasions
 - Problem was on UMN side: replaced a switch on Friday
 - Monitoring the situation
 - **No data was lost due to these outages**



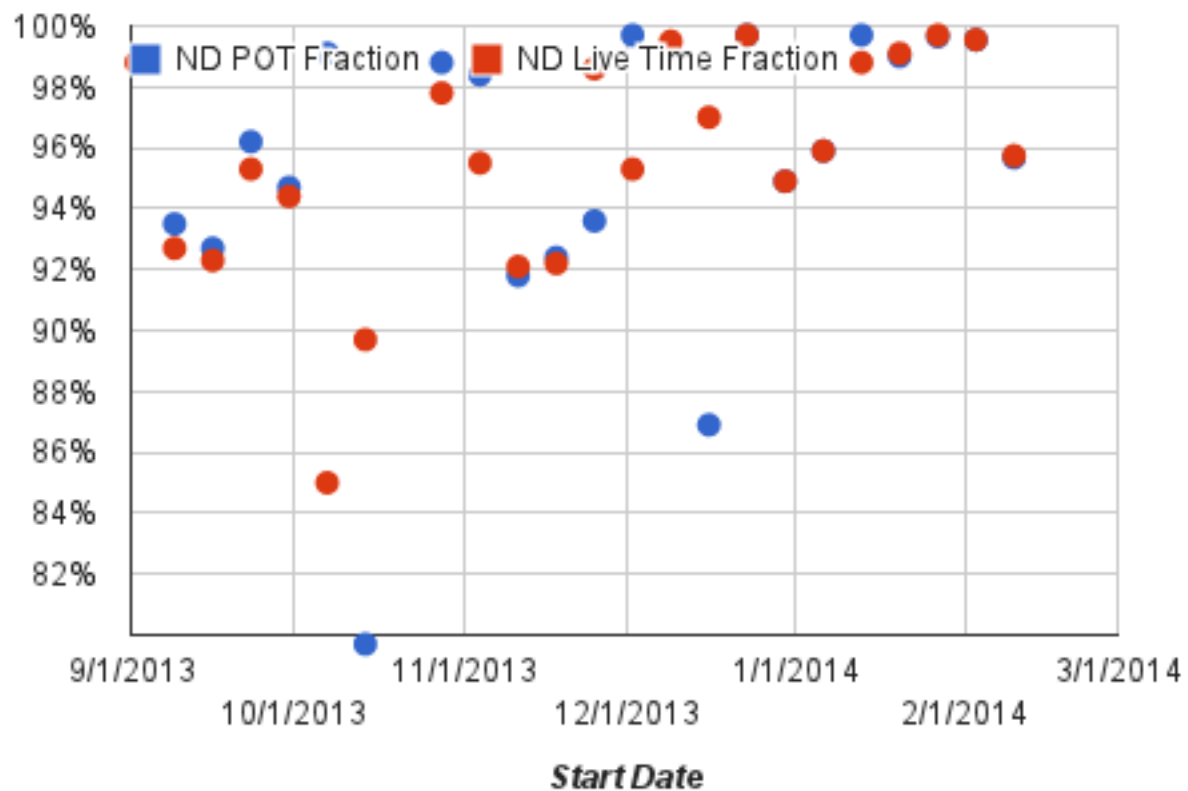
MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
12/30/13 00:00:00	01/06/14 00:00:00	94.9%	94.9%	98.5%	98.5%
01/06/14 00:00:00	01/13/14 00:00:00	95.9%	95.9%	98.7%	98.8%
01/13/14 00:00:00	01/20/14 00:00:00	99.7%	98.8%	99.8%	99.3%
01/20/14 00:00:00	01/27/14 00:00:00	99.0%	99.1%	95.2%	94.8%
1/27/14 12:00 AM	2/3/14 12:00 AM	99.65%	99.70%	95.78%	96.61%
2/3/14 12:00 AM	2/10/14 12:00 AM	99.54%	99.55%	94.91%	95.17%
2/10/14 12:00 AM	2/17/14 12:00 AM	95.67%	95.74%	99.8%	99%



ND POT fraction and Live Time Fraction





FD POT Fraction and Live Time Fraction

